

Supplementary Table C

Summary of cross-validation studies of US and MR elastography

Author	Type of USE	Material	Range of Stiffness	Trend of Comparison
Bensamoun et al.(14)	TE	10 healthy subjects	1.2~2.5kPa	USE \doteq MRE
Oudry et al.(15)	TE	19 phantoms	1~8kPa	USE \doteq MRE
Oudry et al.(16)	TE	4 phantoms	0.90~11.4kPa	USE > MRE
Motosugi et al.(17)	TE	80 pts w liver disease	1.1–25kPa	USE>MRE(stiff liver) USE<MRE(the least stiff group)
Yoon et al.(18)	2D SWE	129 pts w liver disease	1.5~10kPa	not interchangeable
Zhao et al.(19).	pSWE	50 pts w liver disease	1.16~26.08kPa	USE > MRE
Trout et al.(20)	pSWE	55 pediatric pts	0.5~4.5m/s	NA
Our study	pSWE	5 phantoms	2.1~25kPa(1.41~4.86m/s)	USE>MRE(the hardest phantom) USE<MRE(the softest phantom)

Note – TE: transient elastography, 2D SWE: 2D color coded shear-wave elastography, pSWE: point shear-wave

elastography, pts: patients